

AMENDMENTS TO THE CLAIMS

Claim 1. (Canceled)

Claim 2. (Canceled)

Claim 3. (Canceled)

Claim 4. (Canceled)

Claim 5. (Canceled)

Claim 6. (Canceled)

Claim 7. (Canceled)

Claim 8. (Canceled)

Claim 9. (Canceled)

Claim 10. (Canceled)

Claim 11. (Currently Amended)

An apparatus for inspecting an optical device on an optical module, comprising:

an optical platform;

an inspection station disposed along a top surface of said optical platform having an optical device interface located a fixed first distance above the top surface of said optical platform; and

an optical module carrier for holding the optical module and conveying the optical module along the top surface of said optical platform to the inspection station, said optical module carrier positioning said optical device at a second

distance above the optical platform corresponding to the fixed first distance, such that said optical device is aligned with said optical device interface for performing said inspection of said optical device, said optical device interface is located above the top surface, wherein said optical platform has a top surface coated with a silicone base coating.

Claim 12 (Cancelled)

Claim 13. (Currently Amended)

An apparatus for inspecting an optical device on an optical module, comprising:

an optical platform;

an inspection station disposed along a top surface of said optical platform having an optical device interface located a fixed first distance above the top surface of said optical platform; and

an optical module carrier for holding the optical module and conveying the optical module along the top surface of said optical platform to the inspection station, said optical module carrier positioning said optical device at a second distance above the optical platform corresponding to the fixed first distance, such that said optical device is aligned with said optical device interface for performing said inspection of said optical device, said optical device interface is located above the top surface, wherein said optical module carrier further comprises:

a tray having a top surface for supporting the optical module; and
a plurality of rollers for conveying said tray, said rollers each mounted in a
bottom surface of said tray, each of said rollers extending a fixed distance below
the bottom surface of said tray.

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Claim 14. (Previously Presented)

The apparatus of claim 13, wherein said optical module carrier further
comprises:

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vertical pillars for securing said optical module on the top surface of the
optical module carrier.

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Claim 15. (Original)

The apparatus of claim 13, wherein said optical module carrier further
comprises:

a plurality of springs corresponding to said plurality of rollers, each of said
springs mounted in the bottom surface of said tray between said plurality of
rollers and said optical module carrier.

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Claim 16. (Canceled)

Claim 17. (Canceled)

Claim 18. (Canceled)

Claim 19. (Canceled)

Claim 20. (Canceled)

Claim 21. (Canceled)

Claim 22. (Canceled)

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Claim 23. (Currently Amended)

A method for inspecting an optical device on an optical module, comprising:
obtaining the location, on an optical platform, of an inspection station and
obtaining the coordinates of an optical device interface positioned at the
inspection station;

conveying the optical module along a top surface of ~~an~~ the optical platform
to ~~an~~ the inspection station ~~having an~~ in which the optical device interface is
located at a fixed first distance above the top surface of the optical platform
defined by the coordinates;

positioning the optical device, based on the obtained coordinates, at a
second distance above the optical platform corresponding to the fixed first
distance using an optical module carrier, such that said optical device is aligned
with said optical device interface for performing said inspection of said optical
device; and

inspecting the optical device at the inspection station.

Claim 24. (New)

The apparatus of claim 1, wherein the location on the optical platform of said optical device interface is precisely defined by pre-measured coordinates.

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end

Claim 25. (New)

The apparatus of claim 13, wherein the location on the optical platform of said optical device interface is precisely defined by pre-measured coordinates.